

TFS - Team project Structure Guideline

Version:

1.0

Official Adoption Date:

09/14/2008

This guideline is based on Microsoft book: Patterns & Practices - Team Development with Visual Studio Team Foundation Server. This book can be found at:

<http://ecywblcyadxd0/sites/ads/ea/Helpful%20Reading/TFSGuide.pdf>

In this book, page 23 to 35 is addressing the project structure and we encourage all TFS users read at least these pages.

Server-Side Structure for TFS (TFS Server)

\$ PName.TeamProjectName (e.g. \$ADS.SoftCenter or \$TCP.MYEIM)

- /Main → can contain solution .sln files
- /Source → can contain 1 to many apps related to the Team-Project)
 - /AppName1 → contains AppName1 .sln file
 - /Source → contains folder for all source
 - /WA.ECY.PName.AppName.Web* → contains Default.aspx
 - /WA.ECY.PName.AppName.ClassLib1* → ClassLib1 project (ClassLib1 = DataAccess, Business..etc.)
 - ...
 - /UnitTests
 - /WA.ECY.PName.AppName.WebTest → Test project and codes
 - /WA.ECY.PName.AppName.ClassLib1Test → Test project and codes
- /AppName2
- ...
- /DatabaseCode
 - /BuildScripts
 - /ChangeScripts
- ...
- /SharedBinaries → Shared binaries e.g. libraries
- /SharedSource → Shared Source Code
- /VendorTools → 3rd parties components or codes
- ...
- /Build → Build output for deployment
- /Documents → Production documentation
- /BuildScripts → build scripts
- /Tests
 - /FunctionalTests
 - /PerformanceTests

*** Please review the [C# naming guideline](#)**

Client-Side Structure (Developers' PC)

Each development workstations should have one root directory to contain all Team projects as in this example:

C:\DevProjects → Root folder for all team projects
 \ PName.TeamProjectName1 → Container folder for TeamProject 1
 \ PName .TeamProjectName2 → Container folder for TeamProject 2

Beneath each team project folder, use a copy of the application folder structure used on the source control server.

\PName.TeamProjectName1
 /Main → can contain solution .sln files
 /Source → can contain 1 to many apps related to the Team-Project)
 /AppName1 → contains AppName1 .sln file
 /Source → contains folder for all source
 /WA.ECY.PName.AppName.Web* → contains Default.aspx
 /WA.ECY.PName.AppName.ClassLib1* → ClassLib1 project
 (ClassLib1 = DataAccess, Business..etc.)
 ...
 /UnitTests
 /WA.ECY.PName.AppName.WebTest → Test project and codes
 /WA.ECY.PName.AppName.ClassLib1Test → Test project and codes

 /AppName2
 ...
 /DatabaseCode
 /BuildScripts
 /ChangeScripts
 ...
 /SharedBinaries → Shared binaries e.g. libraries
 /SharedSource → Shared Source Code
 /VendorTools → 3rd parties components or codes
 ...
 /Build → Build output for deployment
 /Docs → Production documentation
 /BuildScripts → build scripts
 /Tests
 /FunctionalTests
 /PerformanceTests

* Please review the [C# naming guideline](#)

Storing Documents (per MS guidance)

The Docs folder is for product related documentation. To help determine what documents to store in TFS source control and what to store in a document library on your SharePoint team site, consider the following:

- Use SharePoint for internal team documents such as use cases, scenario and requirements documentation, and design documentation.
- Use TFS source control for product-related documentation that you ship to your customers. This could include installation and deployment guides, operation guides, and help files.

Document History

Date	Version	Editor	Change
June 29, 2007	Pilot	Son Tran	-Reviewed by WR (Jeremiah), TCP(Wayne), ADS(Balaji, Son, Randy) - Adopted to use as pilot
8/25/2008 9/02/2008 9/14/2008	1.0	Son Tran	-Review by Strategic Architecture team -Review by Architecture Work Group -Approved to release by Enterprise Manager (Debbie Stewart)